RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/380,738A

DATE: 11/28/2001 TIME: 13:16:50

Input Set : A:\Reynolds.txt
Output Set: N:\CRF3\11212001\1380738A.raw

## ENTERED

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   5 <120> TITLE OF INVENTION: CALCIUM PHOSPHOPEPTIDE COMPLEXES
   7 <130> FILE REFERENCE: 040268/0161
   9 <140> CURRENT APPLICATION NUMBER: US 09/380,738A
  10 <141> CURRENT FILING DATE: 1999-12-06
  12 <150> PRIOR APPLICATION NUMBER: PCT/AU98/00160
  13 <151> PRIOR FILING DATE: 1998-03-13
  15 <150> PRIOR APPLICATION NUMBER: AU PO5662
   16 <151> PRIOR FILING DATE: 1998-03-13
   18 <160> NUMBER OF SEQ ID NOS: 23
   20 <170> SOFTWARE: PatentIn version 3.0
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   24 <212> TYPE: PRT
   25 <213> ORGANISM: Bos sp.
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W--> 59 Gln Met Glu Ala Glu Xaa Ile Xaa Xaa Xaa Glu Glu Ile Val Pro Asn
     60 1
W--> 62 Xaa Val Glu Gln Lys
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     66 <211> LENGTH: 25
     67 <212> TYPE: PRT
     68 <213> ORGANISM: Bos sp.
     70 <220> FEATURE:
     71 <221> NAME/KEY: misc_feature
     72 <222> LOCATION: (15)..(15)
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    76 <220> FEATURE:
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    78 <222> LOCATION: (17)..(17)
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    83 <221> NAME/KEY: misc_feature
    84 <222> LOCATION: (18)..(18)
    85 <223> OTHER INFORMATION: Xaa is a phosphorylated Serine
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    89 <221> NAME/KEY: misc_feature
    90 <222> LOCATION: (19)..(19)
    91 <223> OTHER INFORMATION: Xaa is a phosphorylated Serine
     94 <400> SEQUENCE: 2
W--> 96 Arg Glu Leu Glu Glu Leu Asn Val Pro Gly Glu Ile Val Glu Xaa Leu
                       5
     97 1
W--> 99 Xaa Xaa Xaa Glu Glu Ser Ile Thr Arg
                    20
     102 <210> SEQ ID NO: 3
     103 <211> LENGTH: 25
     104 <212> TYPE: PRT
     105 <213> ORGANISM: Bos sp.
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     108 <221> NAME/KEY: misc_feature
     109 <222> LOCATION: (11)..(11)
     110 <223> OTHER INFORMATION: Xaa is a phosphorylated Serine
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     114 <221> NAME/KEY: misc_feature
     115 <222> LOCATION: (12)..(12)
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      127 <222> LOCATION: (16)..(16)
      128 <223> OTHER INFORMATION: Xaa is a phosphorylated Serine
      131 <400> SEQUENCE: 3
 W--> 133 Asn Ala Asn Glu Glu Glu Tyr Ser Ile Gly Xaa Xaa Xaa Glu Glu Xaa
                          5
      134 1
      136 Ala Glu Val Ala Thr Glu Glu Val Lys
                      20
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142 <213> ORGANISM: Bos sp. 144 <220> FEATURE:

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216 <221> NAME/KEY: misc\_feature 217 <222> LOCATION: ()..()

211 <211> LENGTH: 8 212 <212> TYPE: PRT C--> 213 <213> ORGANISM: Artificial 215 <220> FEATURE:

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Input Set : A:\Reynolds.txt

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    234 <221> NAME/KEY: misc_feature
    235 <222> LOCATION: (5)..(5)
    236 <223> OTHER INFORMATION: Xaa is a phosphorylated Serine
    239 <220> FEATURE:
    240 <221> NAME/KEY: misc_feature
    241 <222> LOCATION: (6)..(6)
    242 <223> OTHER INFORMATION: Xaa is a phosphorylated Serine
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     248 1
     250 <210> SEQ ID NO: 7
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     252 <212> TYPE: PRT
C--> 253 <213> ORGANISM: Artificial
     255 <220> FEATURE:
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     257 <222> LOCATION: ()..()
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     261 <400> SEQUENCE: 7
     263 Gln Met Glu Ala Glu
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      273 <222> LOCATION: ()..()
      274 <223> OTHER INFORMATION: Synthetic peptide
      277 <220> FEATURE:
      278 <221> NAME/KEY: misc_feature
      279 <222> LOCATION: (5)..(5)
      280 <223> OTHER INFORMATION: Xaa is a phosphorylated Serine
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       286 1
       288 <210> SEQ ID NO: 9
       289 <211> LENGTH: 5
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290 <212> TYPE: PRT

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Input Set : A:\Reynolds.txt
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     299 <220> FEATURE:
     300 <221> NAME/KEY: misc_feature
     301 <222> LOCATION: (2)..(2)
     302 <223> OTHER INFORMATION: Xaa is a phosphorylated Serine
     305 <220> FEATURE:
     306 <221> NAME/KEY: misc_feature
      307 <222> LOCATION: (3)..(3)
      308 <223> OTHER INFORMATION: Xaa is a phosphorylated Serine
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W--> 313 Ser Xaa Xaa Glu Glu
      314 1
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      317 <211> LENGTH: 5
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      322 <221> NAME/KEY: misc_feature
      323 <222> LOCATION: ()..()
      324 <223> OTHER INFORMATION: Synthetic peptide
       327 <220> FEATURE:
       328 <221> NAME/KEY: misc_feature
       329 <222> LOCATION: (2)..(2)
       330 <223> OTHER INFORMATION: Xaa is a phosphorylated Serine
       333 <220> FEATURE:
       334 <221> NAME/KEY: misc_feature
       335 <222> LOCATION: (3)..(3)
       336 <223> OTHER INFORMATION: Xaa is a phosphorylated Serine
       339 <400> SEQUENCE: 10
  W--> 341 Glu Xaa Xaa Glu Glu
       342 1
        344 <210> SEQ ID NO: 11
        345 <211> LENGTH: 5
        346 <212> TYPE: PRT
   C--> 347 <213> ORGANISM: Artificial
        349 <220> FEATURE:
        350 <221> NAME/KEY: misc_feature
        351 <222> LOCATION: ()..()
        352 <223> OTHER INFORMATION: Synthetic peptide
        355 <220> FEATURE:
        356 <221> NAME/KEY: misc_feature
        357 <222> LOCATION: (2)..(2)
        358 <223> OTHER INFORMATION: Xaa is a phosphorylated Serine
         361 <220> FEATURE:
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362 <221> NAME/KEY: misc\_feature

## VERIFICATION SUMMARY PATENT APPLICATION: US/09/380,738A

DATE: 11/28/2001 TIME: 13:16:51

Input Set : A:\Reynolds.txt
Output Set: N:\CRF3\11212001\I380738A.raw

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L:96 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2
L:99 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2
L:133 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3
L:170 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4
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L:213 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:6
L:207 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5
L:247 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6
L:253 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:7
L:269 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:8
L:285 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8
L:291 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:9
 L:313 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9
 L:319 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:10
 L:341 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10
 L:347 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:11
 L:369 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11
 L:375 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:12
 L:403 M:341 W: (4\hat{6}) "n" or "Xaa" used, for SEQ ID#:12
 L:409 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:13
 L:431 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13
 L:437 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:14
 L:453 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14
 L:459 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:15
  L:475 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15
 L:481 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:16
  L:497 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16
  L:503 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:17
  L:525 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17
  L:531 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:18
  L:559 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18
  L:565 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:19
  L:599 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19
  L:605 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:20
  L:639 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20
  L:645 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:21
  L:667 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21
  L:673 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:22
   L\!:\!695 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22
   L:701 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:23
   L:723 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23
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